

EXISTING SIGNS
TO BE REMOVED

20,23

19,21,22,24

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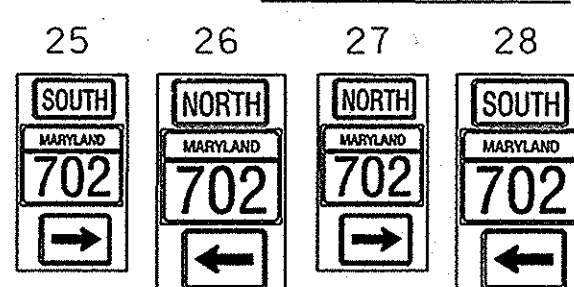
32

MD 702 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

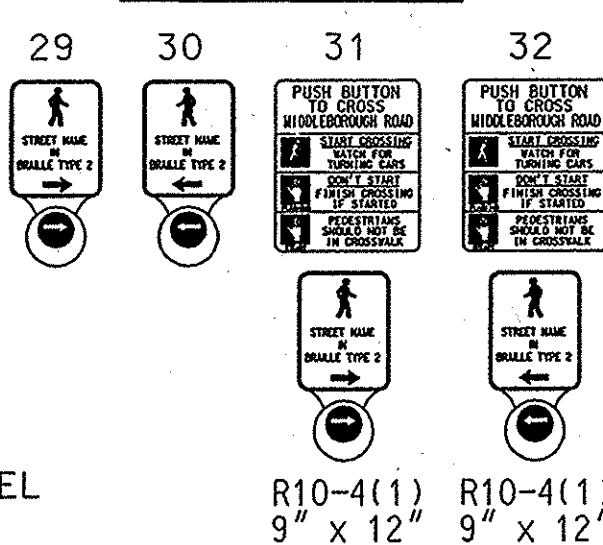
GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
3. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
4. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
5. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
6. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
7. THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CAN NOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.

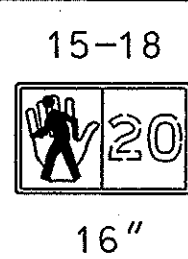
EXISTING SIGNS



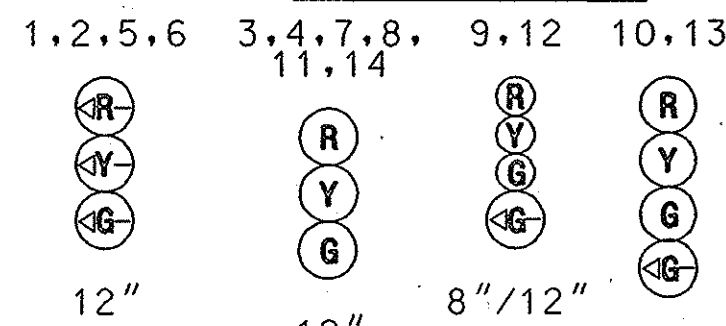
PROPOSED SIGNS



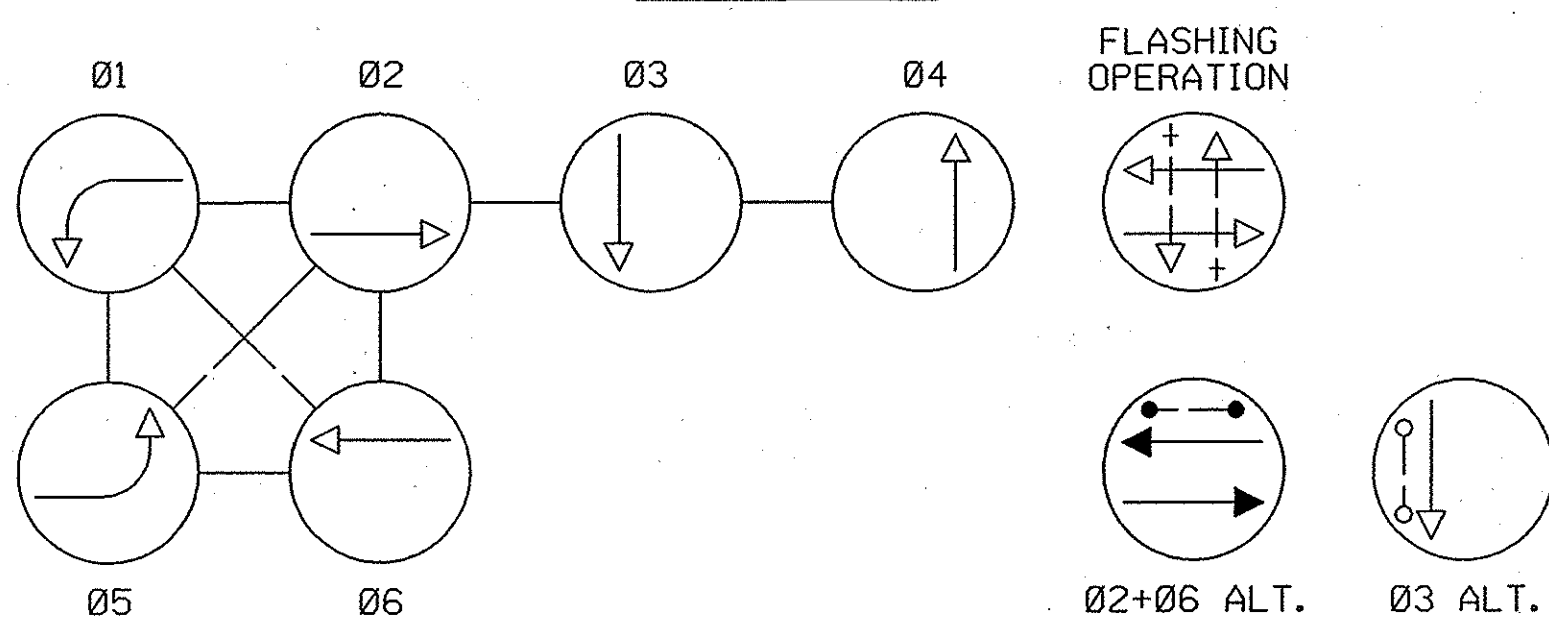
PROPOSED SIGNALS



EXISTING SIGNALS



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

SPECIAL NOTES:

1. CONTRACTOR SHALL INSTALL CONDUIT AT SUFFICIENT DEPTH TO AVOID DISTURBANCE DURING DRAINAGE CONSTRUCTION. CONDUIT SHALL BE INSTALLED PRIOR TO BEGINNING DRAINAGE CONSTRUCTION.

MD 702 (Southeast Blvd.)

MD 702 (Southeast Blvd.)

CONSTRUCTION DETAILS

- A. USE EXISTING STRAIN POLE AND REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON AND INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT.
- B. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- C. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- D. INSTALL HANDHOLE.
- E. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. INSTALL AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON BASE UNIT.
- F. USE EXISTING STRAIN POLE AND REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON AND INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT.
- G. USE EXISTING SPAN WIRE.
- H. USE EXISTING HANDHOLE.
- I. USE EXISTING CONDUIT.
- J. USE EXISTING HANDHOLE AND ADJUST TO FINAL GRADE. SPLICE NEW 2-CONDUCTOR (NO. 14 A.W.G.) ALUMINUM SHIELDED ELECTRICAL CABLE TO EXISTING LOOP WIRE (NO. 14 A.W.G.).
- K. REMOVE EXISTING HANDHOLE.
- L. CAP AND ABANDON EXISTING CONDUIT.
- M. USE EXISTING HANDHOLE AND ADJUST TO FINAL GRADE.
- N. USE EXISTING SPAN WIRE. REMOVE EXISTING SIGN AS NOTED.
- O. REMOVE EXISTING SIGN ON SPAN WIRE AS NOTED.
- P. USE EXISTING STRAIN POLE AND INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-4(1) SIGN (SIGN TO READ "PUSH BUTTON TO CROSS MIDDLEBOROUGH ROAD").
- Q. REMOVE EXISTING SIDEWALK AND INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED AND REPLACE 4 IN. SIDEWALK.
- R. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND R10-4(1) SIGN (SIGN TO READ "PUSH BUTTON TO CROSS MIDDLEBOROUGH ROAD"). (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- S. REMOVE EXISTING SIDEWALK AND INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED AND REPLACE 4 IN. SIDEWALK.

SPECIAL NOTES:

2. DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON TO BE REMOVED AND RE-CONNECT TO PROPOSED PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON.
3. THE TACTILE ARROWS FOR THE AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTONS SHALL BE LOCATED PARALLEL TO THE CROSSWALK FOR WHICH THEY APPLY.

SNA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 702 AND MIDDLEBOROUGH ROAD

APPROVALS		REVISIONS		TRAFFIC SIGNALIZATION PLAN	
TEAM LEADER		DESIGNED BY		SCALE 1" = 20' DATE 2/7/97 CONTRACT NO. 23855T2508023	
ASST. DIV. CHIEF		DRAWN BY		COUNTY BALTO.	
DIVISION CHIEF		CHECKED BY		LOGMILE 02082003.06	
OFFICE DIRECTOR		F.A.P. NO.		T.I.M.S. NO. D-870	
				TOD NO. 2275	
				DRAWING NO. TSP-1 - 1 OF 2	
				SHEET NO. 32 OF	

PLOTTED: TUESDAY, FEBRUARY 28, 2006 AT 02:15 PM
FILE: N:\31530-83\CADD\PSG-P001.MD702.DGN

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